

Godwin Farms  
Thomas H Godwin  
Spray Fields  
Sampson County



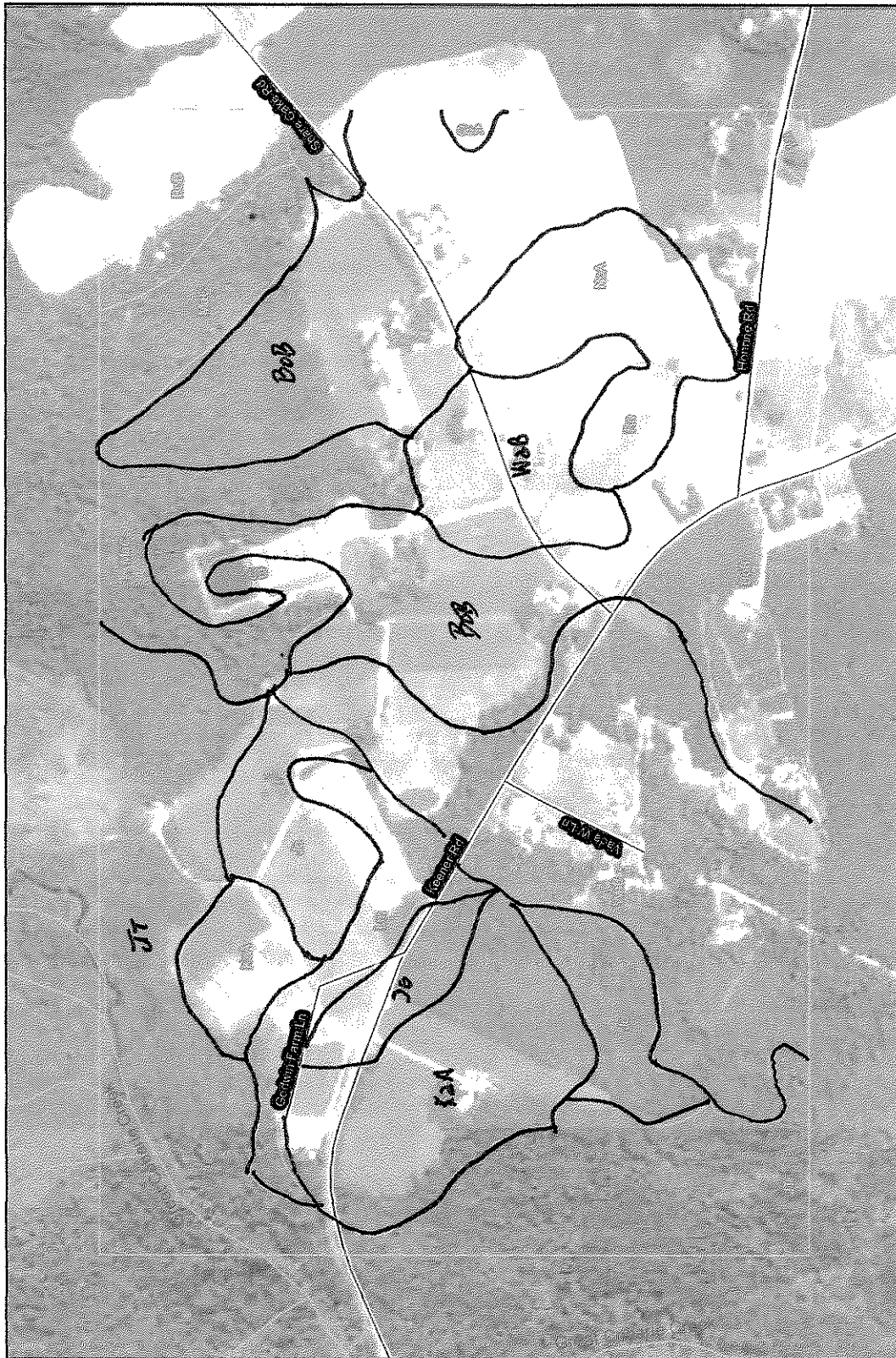
# Soil Map—Sampson County, North Carolina

78° 22' 54"

78° 21' 41"

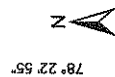
35° 9' 18"

35° 9' 17"

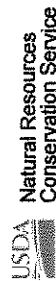


35° 8' 39"

35° 8' 37"



Map Scale: 1:8,770 if printed on A size (8.5" x 11") sheet.



Web Soil Survey  
National Cooperative Soil Survey

## Phosphorus Loss Assessment Tool Completion

Name of Facility: GODWIN FARMS Facility Number: 82-225  
Owner(s) Name: TOMMY GODWIN Phone No: 910-564-6408  
Mailing Address: 2476 SHARE CAKE RD CLINTON NC 28328

Check the appropriate box below, and sign at the bottom:

☒ No fields received a high or very high rating.

☐ Yes, the fields listed below received a high or very high rating:

Field Number	Size (Acres)	Rating (High or Very High)

Please use as many additional attachment forms (PLAT-A-10-31-03) as needed for additional fields.

By completing the above section and any additional attachments and by signing this form, the facility owner and Technical Specialist acknowledge all application fields were evaluated using the Phosphorus Loss Assessment Tool. All necessary calculations were completed to conduct the Assessment. A copy will be kept on site with the Certified Animal Waste Management Plan. Any future modifications must be approved by a technical specialist and filed with the Soil and Water Conservation District prior to implementation. Waste plans with fields having a high or very high rating will have to be modified to address phosphorus loss by the next permit cycle beginning July, 2007.

Owner Name: TOMMY GODWIN

Owner Signature: Tommy Godwin Date: 6/30/05

Technical Specialist Name: G. GLENN CLIFTON

Technical Specialist Signature: G. Glenn Clifton Date: 6/30/05

Affiliation: PRESTAGE FARMS, INC. Phone No: 910-596-5749

Submit this form to:  
Attn: Keith Larick  
Animal Feeding Operations Unit  
NC Division of Water Quality  
1636 Mail Service Center  
Raleigh, NC 27699-1636

PLAT Results For: Sampson 06/30/2005 8:13:54 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 4404  
 Field Number: Field 1  
 Soil Series: WaB: Wagram loamy sand, 0 to 6 percent slopes  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Vegetative Buffer Width = 100 ft.  
 Tree/Shrub Buffer Width = 100 ft.  
 Fertilizers: Layer-Lagoon liquid  
 Yearly Applied Amount: 2.6 ac in  
 Lb P2O5: 46.34 lb  
 Application Method: All other surface applications  
 Soil Loss: .22 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 75  
 WV\_Factor (DATABASE) 1.4  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P = 0  
 SOLUBLE P = 1  
 LEACHATE P = 0  
 SOURCE P = 1  
 TOTAL P RATING = 2 (LOW)



PLAT Results For: Sampson 06/30/2005 8:19:38 AM

## INPUTS

Calendar Year: 2005  
County: Sampson  
Producer Identifier: Godwin Tommy  
Tract Number: 4404  
Field Number: Field 2  
Soil Series: WaB: Wagram loamy sand, 0 to 6 percent slopes  
Crop: Hybrid Bermudagrass (Pasture) :  
BMPs: Vegetative Buffer Width = 100 ft.  
Fertilizers: Broiler-house litter  
Yearly Applied Amount: 15.6 ton  
Lb P205: 79.09 lb  
Application Method: All other surface

applications

Layer-Lagoon liquid  
Yearly Applied Amount: 0 ac in  
Lb P205: 46.34 lb  
Application Method: All other surface

applications

Soil Loss: .22 t/ac/yr  
Receiving Slope Distance 10-19 ft  
Soil Test 0" - 4" 345  
WV\_Factor (DATABASE) 1.4  
Soil Test 28" - 32" 0  
WV\_Factor (DATABASE) 1.4  
Hydrologic Condition: GOOD

## OUTPUTS

PARTICULATE P = 0  
SOLUBLE P = 5  
LEACHATE P = 0  
SOURCE P = 9

---

TOTAL P RATING = 14 (LOW)

PLAT Results For: Sampson 06/30/2005 8:33:54 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 4288  
 Field Number: Field 3  
 Soil Series: WaB: Wagram loamy sand, 0 to 6 percent slopes  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Vegetative Buffer Width = 100 ft.  
 Fertilizers: Swine-Lagoon liquid

Yearly Applied Amount: 2.7 ac in  
 Lb P2O5: 53.4 lb  
 Application Method: All other surface

## applications

Soil Loss: .22 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 237  
 WV Factor (DATABASE) 1.4  
 Soil Test 28" - 32" 0  
 WV Factor (DATABASE) 1.4  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P = 0  
 SOLUBLE P = 3  
 LEACHATE P = 0  
 SOURCE P = 1

---

TOTAL P RATING = 4 (LOW)

PLAT Results For: Sampson 06/30/2005 8:39:33 AM

## INPUTS

Calendar Year: 2005  
County: Sampson  
Producer Identifier: Godwin Tommy  
Tract Number: 4288  
Field Number: Field 4  
Soil Series: BoB: Blanton sand, 0 to 6 percent slopes  
Crop: Hybrid Bermudagrass (Pasture) :  
BMPs: Vegetative Buffer Width = 100 ft.  
Fertilizers: Swine-Lagoon liquid  
Yearly Applied Amount: 2 ac in  
Lb P2O5: 53.4 lb  
Application Method: All other surface

## applications

Soil Loss: .16 t/ac/yr  
Receiving Slope Distance 10-19 ft  
Soil Test 0" - 4" 230  
WV\_Factor (DATABASE) 1.4  
Soil Test 28" - 32" 0  
WV\_Factor (DATABASE) 1.4  
Artificial Drainage System: NO  
Hydrologic Condition: GOOD

## OUTPUTS

PARTICULATE P = 0  
SOLUBLE P = 3  
LEACHATE P = 0  
SOURCE P = 1

---

TOTAL P RATING = 4 (LOW)

PLAT Results For: Sampson 06/30/2005 8:43:20 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 4288  
 Field Number: Field 5  
 Soil Series: BoB: Blanton sand, 0 to 6 percent slopes  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Vegetative Buffer Width = 100 ft.  
 Fertilizers: Swine-Lagoon liquid  
                     Yearly Applied Amount: 2 ac in  
                     Lb P2O5: 53.4 lb  
                     Application Method: All other surface

applications  
 Soil Loss: .16 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 221  
     WV\_Factor (DATABASE) 1.4  
 Soil Test 28" - 32" 0  
     WV\_Factor (DATABASE) 1.4  
 Artificial Drainage System: NO  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	3
LEACHATE P	=	0
SOURCE P	=	1
<hr/>		
TOTAL P RATING	=	4 (LOW)



PLAT Results For: Sampson 06/30/2005 8:46:03 AM

## INPUTS

Calendar Year: 2005  
County: Sampson  
Producer Identifier: Godwin Tommy  
Tract Number: 4288  
Field Number: Field 6  
Soil Series: BoB: Blanton sand, 0 to 6 percent slopes  
Crop: Hybrid Bermudagrass (Pasture) :  
BMPs: Vegetative Buffer Width = 100 ft.  
Fertilizers: Swine-Lagoon liquid  
Yearly Applied Amount: 2.1 ac in  
Lb P2O5: 53.4 lb  
Application Method: All other surface

## applications

Soil Loss: .16 t/ac/yr  
Receiving Slope Distance 10-19 ft  
Soil Test 0" - 4" 162  
WV Factor (DATABASE) 1.4  
Soil Test 28" - 32" 13  
WV Factor (DATABASE) 1.4  
Artificial Drainage System: NO  
Hydrologic Condition: GOOD

## OUTPUTS

PARTICULATE P = 0  
SOLUBLE P = 2  
LEACHATE P = 4  
SOURCE P = 1

---

TOTAL P RATING = 7 (LOW)

PLAT Results For: Sampson 06/30/2005 8:49:15 AM

## INPUTS

Calendar Year: 2005  
County: Sampson  
Producer Identifier: Godwin Tommy  
Tract Number: 4288  
Field Number: Field 7  
Soil Series: BoB: Blanton sand, 0 to 6 percent slopes  
Crop: Hybrid Bermudagrass (Pasture) :  
BMPs: Tree/Shrub Buffer Width = 100 ft.  
Vegetative Buffer Width = 5 ft.  
Fertilizers: Swine-Lagoon liquid  
Yearly Applied Amount: 1.8 ac in  
Lb P2O5: 53.4 lb  
Application Method: All other surface

## applications

Soil Loss: .16 t/ac/yr  
Receiving Slope Distance 10-19 ft  
Soil Test 0" - 4" 224  
WV\_Factor (DATABASE) 1.4  
Soil Test 28" - 32" 30  
WV\_Factor (DATABASE) 1.4  
Artificial Drainage System: NO  
Hydrologic Condition: GOOD

## OUTPUTS

PARTICULATE P = 0  
SOLUBLE P = 3  
LEACHATE P = 10  
SOURCE P = 1

---

TOTAL P RATING = 14 (LOW)

PLAT Results For: Sampson 06/30/2005 8:59:34 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 4405  
 Field Number: Field 8  
 Soil Series: Lm: Lumbee sandy loam  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Vegetative Buffer Width = 100 ft.  
 Pond  
 Fertilizers: Swine-Lagoon liquid  
                     Yearly Applied Amount: 1 ac in  
                     Lb P205: 53.4 lb  
                     Application Method: All other surface  
 applications  
 Soil Loss: .1 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 125  
     WV\_Factor (DATABASE) 1.2  
 Artificial Drainage System: NO  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P = 0  
 SOLUBLE P = 4  
 LEACHATE P = 0  
 SOURCE P = 1

---

TOTAL P RATING = 5 (LOW)

PLAT Results For: Sampson 06/30/2005 9:06:55 AM

## INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 4403  
 Field Number: Field 9  
 Soil Series: Lm: Lumbee sandy loam  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Vegetative Buffer Width = 100 ft.  
 Pond  
 Fertilizers: Broiler-house litter  
                     Yearly Applied Amount: 8 ton  
                     Lb P205: 79.09 lb  
                     Application Method: All other surface  
 applications  
                     Swine-Lagoon liquid  
                     Yearly Applied Amount: 0 ac in  
                     Lb P205: 53.4 lb  
                     Application Method: All other surface  
 applications  
 Soil Loss: .1 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 264  
     WV\_Factor (DATABASE) 1.2  
 Soil Test 28" - 32" 0  
     WV\_Factor (DATABASE) 1.2  
 Artificial Drainage System: NO  
 Hydrologic Condition: GOOD

## OUTPUTS

PARTICULATE P = 0  
 SOLUBLE P = 9  
 LEACHATE P = 0  
 SOURCE P = 19

---

TOTAL P RATING = 28 (MEDIUM)

PLAT Results For: Sampson 06/30/2005 9:13:46 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 9748  
 Field Number: Field 10  
 Soil Series: KaA: Kalmia loamy sand, 0 to 3 percent slopes  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Vegetative Buffer Width = 10 ft.  
 Tree/Shrub Buffer Width = 100 ft.  
 Fertilizers: Swine-Lagoon liquid  
                     Yearly Applied Amount: 2.5 ac in  
                     Lb P2O5: 53.4 lb  
                     Application Method: All other surface  
 applications  
 Soil Loss: .12 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 93  
     WV\_Factor (DATABASE) 1.4  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	2
LEACHATE P	=	0
SOURCE P	=	3
<hr/>		
TOTAL P RATING	=	5 (LOW)

PLAT Results For: Sampson 06/30/2005 9:25:43 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 9748  
 Field Number: Field 11  
 Soil Series: KaA: Kalmia loamy sand, 0 to 3 percent slopes  
 Crop: Hybrid Bermudagrass (Pasture) :  
 BMPs: Tree/Shrub Buffer Width = 100 ft.  
 Vegetative Buffer Width = 5 ft.  
 Fertilizers: Swine-Lagoon liquid  
                     Yearly Applied Amount: 1.9 ac in  
                     Lb P2O5: 53.4 lb  
                     Application Method: All other surface  
 applications  
 Soil Loss: .12 t/ac/yr  
 Receiving Slope Distance 10-19 ft  
 Soil Test 0" - 4" 214  
     WV\_Factor (DATABASE) 1.4  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	6
LEACHATE P	=	0
SOURCE P	=	2
<hr/>		
TOTAL P RATING	=	8 (LOW)

PLAT Results For: Sampson 06/30/2005 9:19:27 AM

# INPUTS

Calendar Year: 2005  
 County: Sampson  
 Producer Identifier: Godwin Tommy  
 Tract Number: 4406  
 Field Number: Field 12  
 Soil Series: Ra: Rains sandy loam  
 Crop: Hybrid Bermudagrass (Hay) :  
 BMPs: Vegetative Buffer Width = 5 ft.  
 Fertilizers: Broiler-house litter  
                     Yearly Applied Amount: 8 ton  
                     Lb P2O5: 79.09 lb  
                     Application Method: All other surface applications  
 Soil Loss: .04 t/ac/yr  
 Receiving Slope Distance 0-9 ft  
 Soil Test 0" - 4" 170  
     WV Factor (DATABASE) 1.2  
 Artificial Drainage System: NO  
 Hydrologic Condition: GOOD

# OUTPUTS

PARTICULATE P	=	0
SOLUBLE P	=	5
LEACHATE P	=	0
SOURCE P	=	25
<hr/>		
TOTAL P RATING	=	30 (MEDIUM)



**Sampson County FSA  
Farm 17713 Tract 4404**



	Acres	Crop	HEL	CRP
1	2.36			
2	4.70			
3	3.24			

**Total Cropland Acres  
10.3**

	Acres	Crop	HEL CRP
1	5.13		



**Sampson County FSA  
Farm 17713 Tract 13094**

**Total Cropland Acres  
5.1**

**Sampson County FSA  
Farm 17713 Tract 4403**

Parcel #	Acres	Crop	HEL	CRP
1	4.66			
2	5.87			
3	0.98			



**Total Cropland Acres  
11.5**



**Sampson County FSA  
Farm 17713 Tract 12121**



	Acres	Crop	HEL	CRP
1	4.74			
2	4.42			
3	0.67			
4	0.95			

**Total Cropland Acres  
10.8**

Map for FSA use only

**Sampson County FSA  
Farm 17713 Tract 4405**



	Acres	Crop	HEL CRP
1	6.25		
2	2.40		

**Total Cropland Acres  
8.7**

**Sampson County FSA  
Farm 17713 Tract 12120**

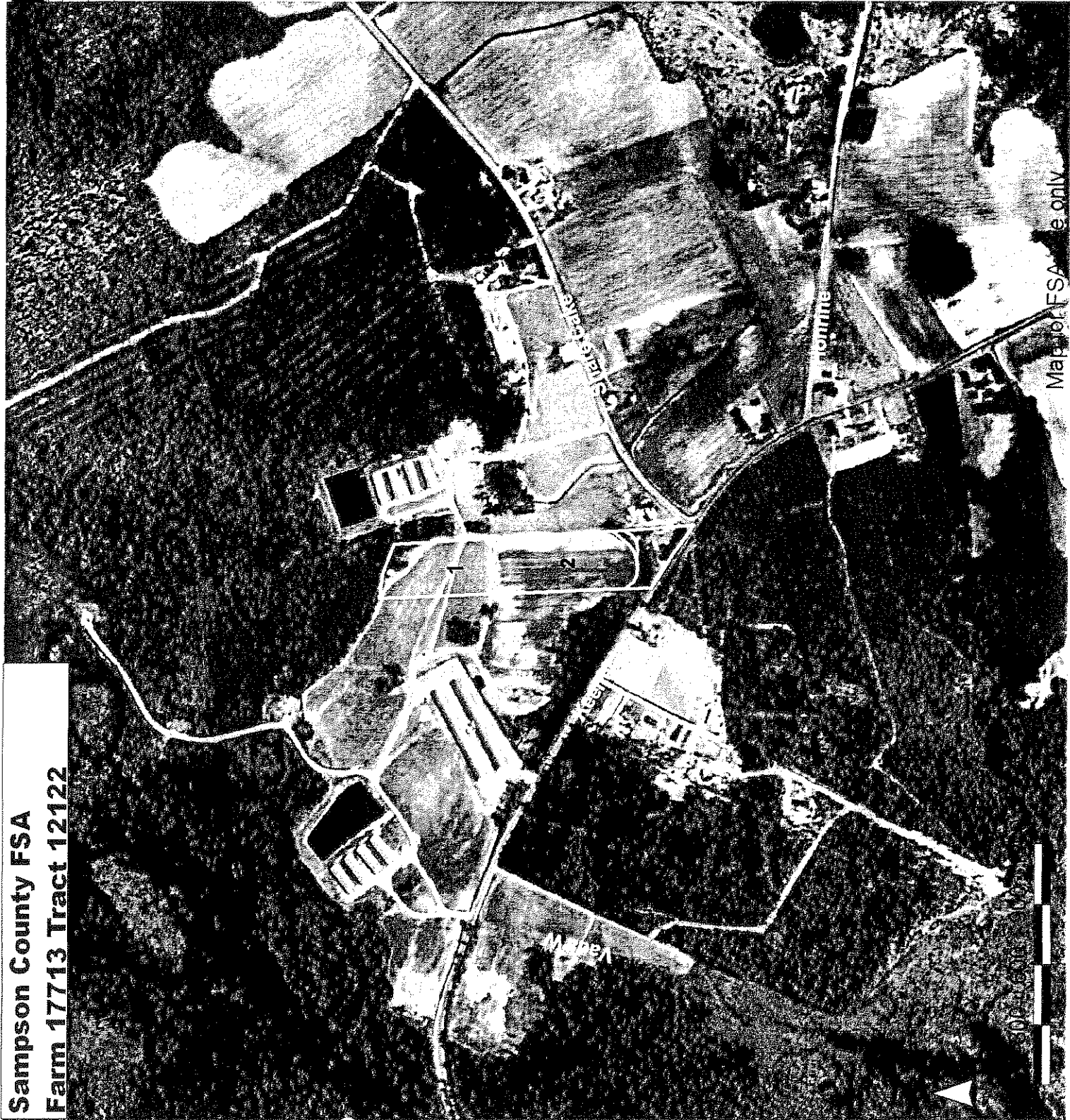


	Acres	Crop	HEL	CRP
1	0.95			
2	3.55			

**Total Cropland Acres  
4.5**



**Sampson County FSA  
Farm 17713 Tract 12122**



	Acres	Crop	HEL CRP
1	2.70		
2	4.60		

**Total Cropland Acres  
7.3**



**Sampson County FSA  
Farm 17713 Tract 9748**



	Acres	Crop	HEL CRP
1	4.04		
2	10.90		

**Total Cropland Acres  
14.9**

Use only